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# ANNUAL REPORT

OF THE

## Medical Officer of Health

For 1925.

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Guildford:

SALTER & Co, Printers, Castle Street.







HAMBLEDON RURAL DISTRICT.



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*To the Rural District Council of Hambledon.*

CHAIRMAN, LADIES AND GENTLEMEN,

I beg to submit for your consideration the following report on the health and sanitary administration of your District for the year :—

### APPENDIX.

Area (acres), 64,000

Population census (1921), 22,710

„ estimated (1925), 23,130

Rateable value (1925), £170,561

Sum represented by a penny rate, £711 6s. 0d.

Rainfall, in inches, 31.45

Sunshine, in hours, 1,335

## VITAL STATISTICS.

			Total.	M.	F.
Births—Total	...	...	311	160	151
Illegitimate	...	...	20	11	9

Birth rate, 13.4

Deaths, 288. Death rate, 12.4

Number of women dying in, or in consequence of, child-birth, from sepsis, nil

Deaths of infants under one year of age per 1,000 births, 41.8 ; legitimate 11, illegitimate 2 ; total 13

Deaths from whooping cough (all ages), nil

„ „ diarrhoea (under 2 years of age), 1

Cause of Death	M.	F.	Cause of Death	M.	F.
Enteric fever ...	—	1	Ulcer of stomach or duodenum ...	3	1
Measles ...	—	1	Diarrhoea, etc. (under 2 years) ...	—	1
Influenza ...	4	1	Appendicitis & typhlitis	1	1
Encephalitis lethargica	—	2	Cirrhosis of liver ...	1	—
Meningococcal meningitis	1	—	Acute and chronic nephritis ...	6	—
Tuberculosis of respiratory system ...	7	4	Other accidents and diseases of pregnancy and parturition ...	—	2
Cancer, malignant disease ...	24	22	Congenital debility and malformation, premature birth ...	5	2
Diabetes ...	3	—	Suicide ...	4	—
Cerebral hæmorrhage, etc. ...	5	10	Other deaths from violence ...	5	6
Heart disease ...	23	22	Other defined diseases	23	42
Arterio-sclerosis ...	7	7			
Bronchitis ...	8	12			
Pneumonia (all forms)	5	9			
Other respiratory diseases ...	—	2			

Deaths of infants under 1 year ...	...	Total 10 males, 3 females
„ „ „ „	...	Illegitimate 2 „ — „
Total births ...	...	160 „ 151 „
Legitimate ...	...	149 „ 142 „
Illegitimate ...	...	11 „ 9 „

All causes : 140 males, 148 females.

# ENGLAND and WALES.

TABLE X —Birth-rate, Death-rate, and Analysis of Mortality during the Year 1925.

	BIRTH-RATE PER 1,000 TOTAL POPULA- TION.	ANNUAL DRATH-RATE PER 1,000 POPULATION.										RATE PER 1,000 BIRTHS.		PERCENTAGE OF TOTAL DEATHS.			
		All Causes.	Enteric Fever.	Small-pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria.	Influenza.	Violence.	Diarrhoea and Enteritis under 2 years.	Total Deaths under One Year.	Death certi- fied by Registered Medical Practitioners.	Inquest Cases	Uncertified Causes of Death.		
England and Wales	18.3	12.2	0.01	0.00	0.13	0.03	0.15	0.07	0.32	0.47	8.4	75	92.1	6.9	1.0		
105 County Boroughs and Great Towns, including London.	18.8	12.2	0.01	0.00	0.17	0.03	0.18	0.09	0.30	0.43	10.8	79	92.1	7.3	0.6		
157 Smaller Towns (1921 Adjusted Popu- lations 20,000—50,000).	18.3	11.2	0.01	0.00	0.15	0.02	0.14	0.06	0.31	0.38	7.6	74	93.0	5.9	1.1		
London	18.0	11.7	0.01	0.00	0.08	0.02	0.19	0.11	0.23	0.46	10.6	67	91.1	8.9	0.0		

## General Provision of Health Services in the Area.

HOSPITALS PROVIDED OR SUBSIDISED BY THE LOCAL AUTHORITY OR BY THE COUNTY COUNCIL.

*Fever*—Guildford Joint Isolation Hospital.

*Small Pox*—County Council.

*Any Institutional Provision for unmarried mothers, illegitimate infants and homeless children in the district*—Hambleton Institution.

*Clinics and treatment centres*—Maternity and child welfare centres, Godalming and Guildford.

*School Clinics and venereal diseases*—County Council.

*Ambulance facilities.* Motor Ambulance—(a) For infectious cases, Isolation hospital ; (b) for non-infectious and accident cases, Guildford General Hospital.

*Professional Nursing in the home* — (a) General ; (b) for infectious diseases, measles, etc., private only.

*Midwives—Employment of or subsidy to, practising Midwives by Public Health Authority*—Nil.

*Number of Midwives practising in the district*—These are registered by the County Council.

*Public Health Staff*—Medical Officer of Health, T. M. Bonar, M.B.; B.S., D.P.H. ; Sanitary Inspector, E. B. Head, Assoc. R.San.I., Certificate, Royal Sanitary Institute, Special Certificate (Royal Sanitary Institute) for inspection of meat and other foods.

Part-time men to assist in disinfection work.

*Chemical work*—Sale of food and drugs Acts, these are administered by the County Council,



*Water Analyses*—Water analyses (partial chemical and partial bacteriological) are done by contract with the Counties Public Health Laboratories, 91 Queen Victoria Street, E.C., at a fee of one guinea per sample.

*Milk Analyses* — These are done by the Clinical Research Association at a fee of one pound per sample, as under :—

- (a) Determination in a sample of Milk of the total number of bacteria per c.c. and of B.Coli in 1c.c. 10c.c., &c.
- (b) Microscopical examination of the centrifugilized deposit of a milk for T.B., Pus., blood and dirt.
- (c) Experimental inoculation of a GUINEA PIG when Tubercular Bacilli are suspected and not seen in direct films.

*Legislation in Force*—Adoptive Acts, Bye-laws and Regulations relating to public health in force in the district.

Infectious Diseases (Prevention) Act, 1890.

Public Health (Amendment) Act, 1890.

Public Health Acts (Amendment) Act, 1907.

Public Health Act, 1925 (Parts 2 to 4).

*Bye-Laws*—New Streets and Buildings for parishes of Bramley, Cranleigh, Shalford, Womersley and Witley. Revised Bye-laws adopted 14th December, 1925, and parishes of Chiddingfold and St. Martha included.

Bye-laws for the parishes of Alfold, Dunsfold, Elstead, Ewhurst, Hambledon, Hascombe, Thursley and Peperharrow have been adopted to take effect from March 1st, 1926.

*Slaughter Houses* — Revised Bye-laws adopted 21st February, 1923, for the whole district (these include the



use of a mechanically operated instrument for stunning animals before slaughter).

*Tents, Vans, Sheds, etc.*—Revised Bye-laws adopted 10th July, 1924.

Commons Act, 1889, Bye-laws for the management and control of Commons situated in the following parishes :—

Cranleigh, Witley (part of), Ewhurst, Shalford, Womersh (Shamley Green).

*Dairies, Cowheds, Milkshops* — Regulations adopted June 30th, 1903.

### **Sanitary Circumstances of the Area.**

**WATER.** Eleven parishes in the district have a main water supply available for the whole or a part of their area and the majority of the houses are connected to the mains except in the parishes of Ewhurst, Chiddingfold and Hambledon. Since 1923 systematic sampling of wells has been carried out in the Parishes where main supply is available.

The following table shows the result of this work :—

		Samples Analysed.	Houses connected to main supply.
1921	...	9	6
1922	...	14	19
1923	...	47	114
1924	...	55	101
1925	...	39	41
Total	...	<hr/> 154 <hr/>	<hr/> 272 <hr/>

The Water Companies which supply water in the area are :—

Wey Valley. Elstead.

Godalming Borough. Bramley, Witley, Shalford (part of), Hambledon.

Guildford Borough. Shalford (part of).

Cranleigh. Cranleigh.

St. Martha Waterworks (Hambledon Rural District Council). St. Martha, Wonersh (part of).

Chiddingfold. Chiddingfold and Dunsfold.

Hurtwood. Ewhurst, Cranleigh (part of).

Haslemere. Witley (part of).

The following extensions of mains and improvements of water supply in the area have been carried out during the past five years :—

WEY VALLEY WATER CO. Extension of supply to Elstead Village completed in 1923, and 80 per cent. of the houses are now connected up.

CRANLEIGH WATER CO. 3in. main connecting with Dunsfold supply, 2,200 yards.

3in. main Ewhurst Road, 330 yards.

3in. main to Canfold Cottages, 300 yards.

4in. main extension, Guildford Road, 660 yards.

HURTWOOD WATER CO. No main extensions, but many private long service pipes have been installed.

CHIDDINGFOLD WATER CO. 3in. main extension, Ryestead Lane, 1,100 yards.



ST. MARTHA WATERWORKS. Extension, White Lane, St. Martha and Blackheath.

GODALMING WATERWORKS. 3in. main extensions, Enton and Cramhurst Lane, 520 yards, Witley.

3in. extension, Golf Links, Bramley, 750 yards.

GUILDFORD WATERWORKS. Extensions of main in Shalford, 1820 yards.

HASLEMERE WATERWORKS. Main extension to Grayswood (in the parish of Witley).

The parishes of Alfold, Thursley, Hascombe, and Peperharow have no main supply, and shallow wells are generally used.

### **Drainage and Sewerage.**

The following parishes have main drainage schemes :

CRANLEIGH. New outfall works now in hand.

✱ Horsham Road, Cranleigh, 220 yards.

BRAMLEY AND WONERSH. Joint drainage scheme. New outfall works in hand.

✱ Golf Links Estate, Bramley, 340 yards.

SHALFORD. Sewage taken into the sewers of the Guildford Borough.

✱ EXTENSION OF SEWERS during the last five years.

Pail closets and cesspools are in general use in all the other parishes.

The provision of main water supply and drainage for the hamlets of Shamley Green and Blackheath (in the parish of Wonersh) is now under consideration.

## Scavenging.

Dry house refuse is removed by contractors in the parishes of Bramley, Cranleigh, Chiddingfold, Shalford, and Witley.

Earth closet pails are emptied twice weekly by contractors in Witley, Chiddingfold, and in the outlying parts of Bramley and Shalford.

The Council is undertaking the removal of house refuse by direct labour with motor lorry for the parishes of Bramley and Shalford during 1926.

Portable ash bins provided (by owners) :—

BRAMLEY (at commencement of scavenging scheme),  
310.

SHALFORD (scavenging scheme), 328.

## Report of the Sanitary Inspector under Article 19 (12) Sanitary Officers Order 1922.

### INSPECTIONS :—

Ordinary Inspections, including complaints, notifiable diseases, etc. ... ..	586
House-to-house Inspections (Housing Acts)	104
Inspection of works in progress (Housing and Public Health Acts) ... ..	182
Re-inspections ... ..	1034
Appointments and Advisory Visits ...	114
Tents, Vans, Sheds, &c. ... ..	17
Section 6, Public Health (Water) Act, 1878	154
Dairies, Cowsheds and Milkshops ...	396
Slaughter Houses and Food Stores ...	423
Bakehouses and Workshops ... ..	116
TOTAL ...	3126



## NOTICES :—

Statutory Notices served	...	...	6
Preliminary Notices served	...	...	346
			<hr/> 352 <hr/>

## RESULT OF NOTICES :—

Statutory Notices complied with	...	...	6
„ „ in hand	...	...	Nil
Preliminary Notices complied with	...	...	318
„ „ in hand	...	...	28
			<hr/> 352 <hr/>

## NUISANCES :—

Nuisances remedied during 1925	...	306
--------------------------------	-----	-----

The following table shows the distribution of the nuisances remedied in the separate Parishes in the District :

Alfold	...	8	Chiddingfold	...	30
Bramley	...	36	Wonersh	...	29
Cranleigh	...	34	Thursley	...	12
Witley	...	42	Elstead	...	22
Ewhurst	...	21	Hascombe	...	4
Dunsfold	...	18	Hambledon	...	8
Shalford	...	36	Peperharow	...	4
St. Martha	...	2			
			TOTAL	...	<hr/> 306 <hr/>

**Schools.**

These inspected during year. The sanitary conditions are attended to fairly well. The water supply of some is from wells—not always a good one. None was closed during the year.

## Inspection and Supervision of Food.

### (a) MILK SUPPLY :—

Milk and Dairies (Consolidation) Act, 1915.

Milk and Dairies (Amendment) Act, 1922.

Dairies, Cowsheds, Milkshops Orders.

The standard of the milk supplied in the district is very good, 18 samples were taken for analysis under the above Act for Tubercle, Blood, Pus, Dirt, etc. No Tubercle Bacilli were found in any of the samples analysed, and the bacteria count was very satisfactory, as in one case only was excess of bacteria found. This farm was visited and advice given as to action necessary to improve methods of production. A sample taken two months later was found to be satisfactory.

The summarized results of the bacteriological examinations are given below :—

Bacillus Count.		No of samples.	
Bacteria under 30,000 per 1 c.c.	...	...	11
Bacteria under 200,000 per 1 c.c.	...	...	6
Bacteria over 200,000 per 1 c.c.	...	...	1
Bacteria Coli.			
Negative in $\frac{1}{10}$ c.c.	...	...	10
Negative in $\frac{1}{100}$ c.c.	...	...	7
Positive in $\frac{1}{1000}$ c.c.	...	...	1
Total samples		...	18

No licences have been granted for the sale of milk under the Milk (Special Designations) Order, 1923, and no graded milk is produced in the district.



The number of producers and retailers of milk on the Register during 1925 was 162.

Cowkeepers and Wholesale Purveyors			70
Cowkeepers and Retail Purveyors	...		81
Dairies and Milkshops	...	...	11
Total	...	...	<hr/> 162 <hr/>

Twenty-one applications were received for registration during the year, these were all granted after any necessary improvements had been completed.

396 visits were made to dairies and cowsheds, many of these took place during hours of milking and as much as possible is done to encourage clean methods of milk production.

Eleven new cowsheds were built during the year (in most cases to re-place existing unsatisfactory buildings).

New floors and improvements were made to 23 cowsheds.

(b) MEAT :—

*Public Health (Meat) Regulations, 1924.*

These Regulations and the desirability of inspecting as many as possible of the animals slaughtered in the district, has considerably increased the work of the Inspector ; it is of course not possible for him to inspect all animals slaughtered in such a wide area, but as many visits as possible are made during the hours of slaughtering. If notification is received from a slaughter house occupier that any carcase or organs show signs of disease or abnormal condition, an immediate inspection is made.

Several lots of diseased and unsound meat were examined, and the following carcasses, etc., were found to be unfit for food and were voluntarily surrendered by the owners for destruction :—

Five carcasses of beef.

Three carcasses of pork.

Four carcasses of sheep.

One hind quarter of chilled beef.

Various internal organs (lungs, liver, kidneys, etc).

There are in the district 33 shops where meat and fish are sold by retail, and one meat stall.

Three retail shops were cleansed and re-decorated throughout, and two cases were noted where the sanitary convenience had a direct access to the room used as a meat store. These have been altered.

Notice to comply with the Regulations was served on the occupier of the meat stall.

The table below shews the number of private slaughter houses since 1920 :—

		In 1920.	In Jan., 1925.	In Dec., 1925.
Registered	...	17	17	14
Licensed	...	—	3	3
		—	—	—
Total	...	17	20	17
		—	—	—

Of the 14 registered slaughter houses, six are small premises used for slaughtering pigs in the winter season only. During the year one slaughter house was closed and pulled down, and the use of two has been discontinued owing to their close proximity to dwelling houses.

423 visits were made to slaughter houses, food stores, etc., by the Inspector.



## Factory and Workshop Act.

WORKSHOPS : Number on Register :—

Bakehouses	...	...	...	24
Other Workshops	...	...	...	56
				—
Total	...	...	...	80
				—

Two new bakehouses have been built, and six closed down during the year.

## Inspection of Factories, Workshops and Workplaces.

				Number of :		
Premises.				Inspections.	Written Notices.	Occupiers prosecuted.
FACTORIES	...	...	...	5	1	—
(Including Factory Laundries)						
WORKSHOPS	...	...	...	116	11	—
(Including Workshop Laundries)						
Total	...	...	...	121	12	Nil

## Defects found in Factories, Workshops and Workplaces.

Particulars.	Number of Defects.			Number of offences in respect to which prosecutions were instituted.	
	Found.	Remedied.	Referred to H.M. Inspector.		
NUISANCES UNDER THE PUBLIC HEALTH ACTS :—					
Want of cleanliness ...	4	4	—	—	
Want of ventilation ...	1	1	—	—	
Want of drainage of floors	4	4	—	—	
Other nuisances ...	2	2	—	—	
Insufficient sanitary accommodation ...	1	1	—	—	
	<hr/>	<hr/>	<hr/>	<hr/>	
Total ...	12	12	Nil	Nil	
	<hr/>	<hr/>			

## Sale of Food and Drugs Acts, etc.

These Acts are administered by the County Council in this area.

Return of samples analysed during year ended 31st December, 1925.

Articles.	Analysed.			Adulterated or Deteriorated.			Prosecu- tions.	Con- victions.
	Formal.	Informal.	Total.	Formal.	Informal.	Total.		
Milk ...	64	—	64	18	—	18	10	4
Cream...	3	—	3					
Butter...	3	2	5					
Lard ...	1	—	1					
Wine ...	—	1	1					
Drugs...	—	2	2					
Other Articles	1	3	4	1	1	2		
Totals	72	8	80	19	1	20	10	4

## Housing.

House to house Inspections under the Housing (Inspection of District) Regulations 1910 are now being carried out in the parish of Chiddingfold. 104 houses were inspected and recorded during 1925.

The tables below shew the number of dwelling houses inspected for housing defects under the Public Health or Housing Acts for the past 5 years.

	Houses inspected under Housing Acts.		Parish.
1921	...	370	Bramley and Ewhurst.
1922	...	183	Shalford.
1923	...	112	Shalford.
1924	...	122	Shalford and Chiddingfold.
1925	...	104	Chiddingfold.
Total		891	

		Houses inspected under Public Health Acts.
1921	...	11
1922	...	23
1923	...	225
1924	...	162
1925	...	224
Total		643

## Housing Statistics for the Year 1925.

Number of new houses erected during the year :—

- (a) Total (including numbers given separately under  
 (b) ... .. 154
- (b) With State assistance under the Housing Acts :
- (i) By the Local Authority ... Nil
- (ii) By other bodies or persons ... 66

### 1. UNFIT DWELLING HOUSES.

Inspection—(1) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ... 328

(2) Number of dwelling-houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910, or the Housing Consolidated Regulations, 1925 ... 104

(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... 4

(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation 312

### 2. REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers ... 309



## 3. ACTION UNDER STATUTORY POWERS.

A.—Proceedings under section 3 of the Housing Act, 1925.

(1) Number of dwelling-houses in respect of which notices were served requiring repairs ... 4

(2) Number of dwelling-houses which were rendered fit after service of formal notices :—

(a) By owners ... .. —

(b) By Local Authority in default of owners —

(3) Number of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close ... 4

B.—Proceedings under Public Health Acts.

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ... 3

(2) Number of dwelling-houses in which defects were remedied after service of formal notices :—

(a) By owners ... .. 3

(b) By Local Authority in default of owners —

C.—Proceedings under sections 11, 14, and 15 of the Housing Act, 1925.

(1) Number of representations made with a view to the making of Closing Orders ... .. Nil

(2) Number of dwelling-houses in respect of which Closing Orders were made ... .. Nil

(3) Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been redereed fit ... .. Nil

(4) Number of dwelling-houses in respect of which Demolition Orders were made ... .. Nil

(5) Number of dwelling-houses demolished in pursuance of Demolition Orders ... .. Nil

## Prevalence of, and Control over, Infectious Diseases.

Diphtheria antitoxin and other sera and vaccines are supplied free by the Council.

Diphtheria, T.B. Sputum Swabs, Widal, etc., are taken.  
~~700~~ 4,2000 units of Anti-Diphtheria toxin were issued to medical practitioners during the year.

### NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING THE YEAR 1925.

Disease.			Total Cases Notified.	Cases admitted to Hospital.	Total Deaths
Small-pox	...	...	—	—	—
Scarlet fever	...	...	43	30	—
Diphtheria	...	...	8	3	—
Enteric fever (including Paratyphoid)	...	...	2	—	1
Puerperal fever	...	...	1	1	—
Pneumonia	...	...	6	—	14
Other diseases generally notifiable (Erysipelas)			5	—	—
Encephalitis Lethargica			4	—	2

### OPHTHALMIA NEONATORUM.

Cases notified, 2.      Treated at home, 2.  
 Vision unimpaired, 2.

### TUBERCULOSIS.

#### *New Cases and Mortality during 1925.*

Age Periods.			New Cases.				Deaths.			
			Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
			M.	F.	M.	F.	M.	F.	M.	F.
0	...	...	—	—	—	—	—	—	—	—
1	...	...	—	—	—	—	—	—	—	—
5	...	...	1	—	—	—	—	—	—	—
10	...	...	—	—	—	—	—	—	—	—
15	...	...	1	—	—	—	—	—	—	—
20	...	...	2	—	—	—	1	—	—	—
25	...	...	3	—	—	—	3	—	—	—
35	...	...	4	2	1	1	—	3	—	—
45	...	...	2	1	—	—	2	—	—	—
55	...	...	1	1	—	—	1	—	—	—
65 and upwards	...	...	—	1	—	—	—	1	—	—
Totals	...	...	14	5	1	1	7	4	—	—

### **Arrangements for Disinfection and Disinfestation.**

Persons suffering from scarlet fever, diphtheria, and enteric fever, are removed to the Woodbridge Isolation Hospital at Guildford, by arrangement with the Joint Hospital Board. Bedding and other infected articles are also removed for steam disinfection at the Hospital.

Removal of patients and bedding is carried out by the Hospital Authorities by motor ambulance.

All rooms recently occupied by persons suffering from any infectious disease are disinfected by spraying with a dilute solution of formaldehyde. Disinfectant fluid is supplied for cleansing the rooms after disinfection.

A sanitary survey of all infected premises is made.

Number of premises disinfected during 1925 as under:

Houses disinfected after infectious disease, 80.

Schools disinfected, 2.

Disinfectants are supplied free for cleansing purposes after infectious disease, and in certain other cases where cleansing or disinfestation is necessary.

I have to recognise the courtesy of your Council, the Clerk, and the very valuable help of the Sanitary Inspector during the year.

I am, your obedient servant,

*March, 1926.*

T. M. BONAR,  
*Medical Officer of Health.*







